

DETAILED ACTION

1. Claims 21, 27-29 and 31 are allowed over art.

Claims 1-20, 22-26, and 30 are cancelled.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jake Ward on 10/5/2010.

The application has been amended as follows:

Claim 21:

A method of initiating a procedure within a building comprising the steps of:

- a. defining at least one initiating event for the procedure which event does not involve a person arriving at the building, and further defining different procedures for different initiating events;
- b. defining at least one security requirement for the procedure, and further defining different security requirement for the different procedures;
- c. defining at least one person to be authorized to perform the procedure;

d. detecting the occurrence of the at least one initiating event wherein the at least one person does not define the at least one initiating event and does not cause the occurrence of the at least one initiating event;

e. generating a virtual key for the at least one based on the at least one requirement detecting the occurrence of the at least one initiating event and prior to the at least one person arriving at the building, wherein the step of generating the virtual key includes the steps of assigning an encrypted code to the virtual key, and adding a signature to the virtual key;

f. transmitting virtual key to the at least one person using wireless device, and further transmitting different virtual keys to the at least one person for the different initiating events;

g. detecting use of the virtual key by the at least one person in the building;

h. checking the validity of the virtual key, including identifying the at least one person as a recipient of the transmitted virtual key by the signature; and

i. initiating said procedure within the building if the validity check is positive wherein initiating the procedure consists of performing at least one of the steps of:

opening of at least one door of the building;

making at least one elevator available;

opening of at least one elevator door; and

j. performing said steps a. through i. in an access control computer system associated with the building.

As per claim 24: Cancelled

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As per claim 25: Cancelled

As per claim 26: Cancelled

Claim 31:

A method of initiating a procedure within a building comprising the steps of:

a. defining at least one initiating event for the procedure which event does not involve a person arriving at the building, and further defining different procedures for different initiating events;

b. defining at least one of a security requirement and an availability requirement for the procedure, and further defining different security requirement for the different procedures;

c. defining at least one person to be authorized to perform the procedure;

d. detecting the occurrence of the at least one initiating event wherein the at least one person does not define the at least one initiating event and does not cause the occurrence of the at least one initiating event;

e. generating a virtual key for the at least one based on the at least one requirement detecting the occurrence of the at least one initiating event and prior to the at least one person arriving at the building, wherein the step of generating the virtual key includes the steps of assigning an encrypted code to the virtual key, and adding a signature to the virtual key;

f. transmitting virtual key to the at least one person using wireless devices;

g. detecting use of the virtual key by the at least one person in the building;

h. checking the validity of the virtual key, including identifying the at least one person as a recipient of the transmitted virtual key by the signature;

i. initiating said procedure within the building if the validity check is positive wherein initiating the procedure consists of performing at least one of the steps of:

opening of at least one door of the building;

making at least one elevator available;

opening of at least one elevator door; and

j. performing said steps a. through i. in an access control computer system associated with the building.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leynna T. Truvan whose telephone number is (571) 272-3851. The examiner can normally be reached on Monday - Thursday (7:00 - 5:00PM) and telework on Wednesday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/L. T. T./
Examiner, Art Unit 2435
/Kimyen Vu/

Supervisory Patent Examiner, Art Unit 2435